

Title: Predatory Lending Detection System and Method Therefor
 Inventor(s): Steven C. Halper and Constance A. Wilson
 Appln. No. 09/993,072
 Docket # 42666/28972

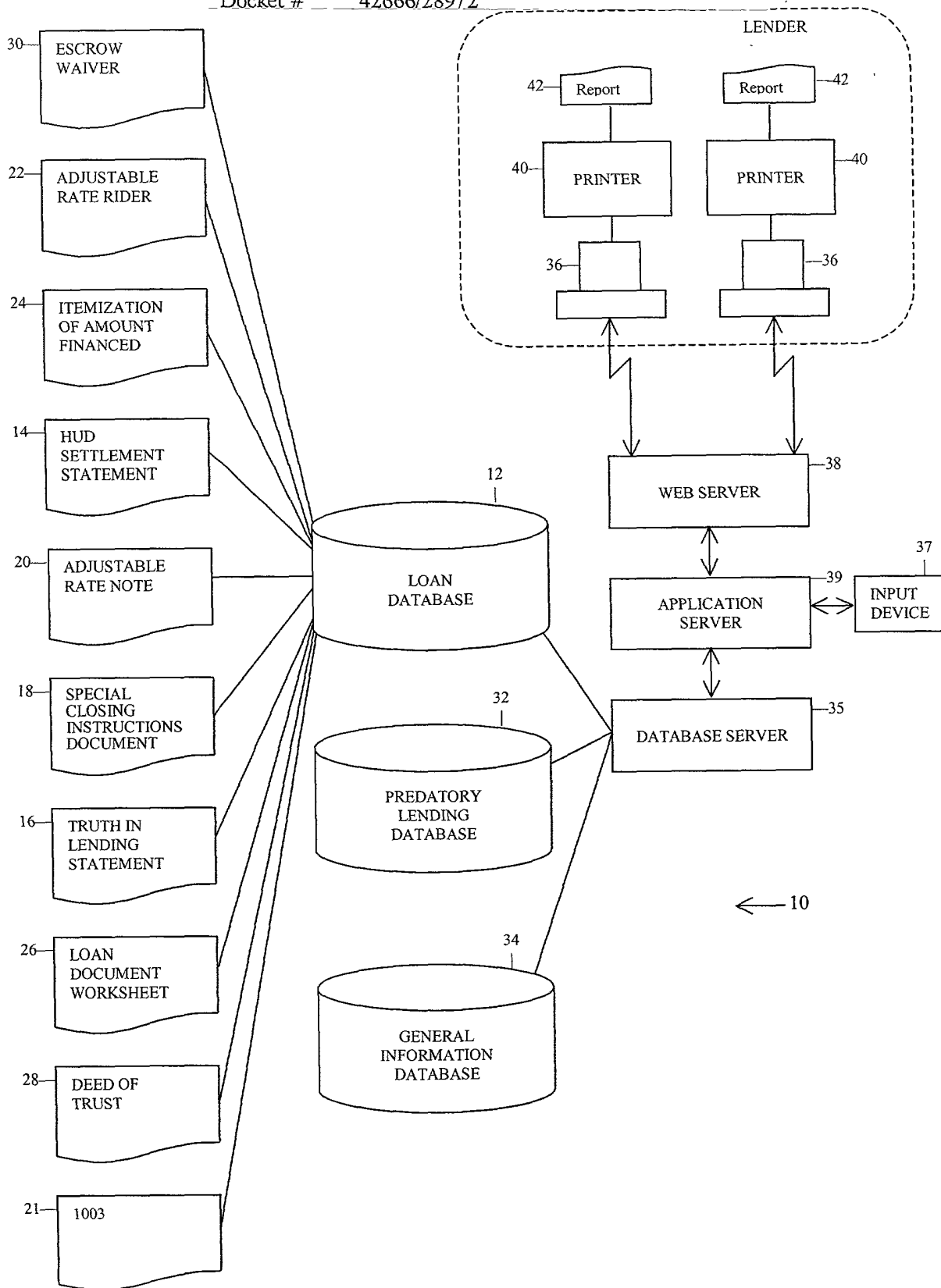


FIGURE 1

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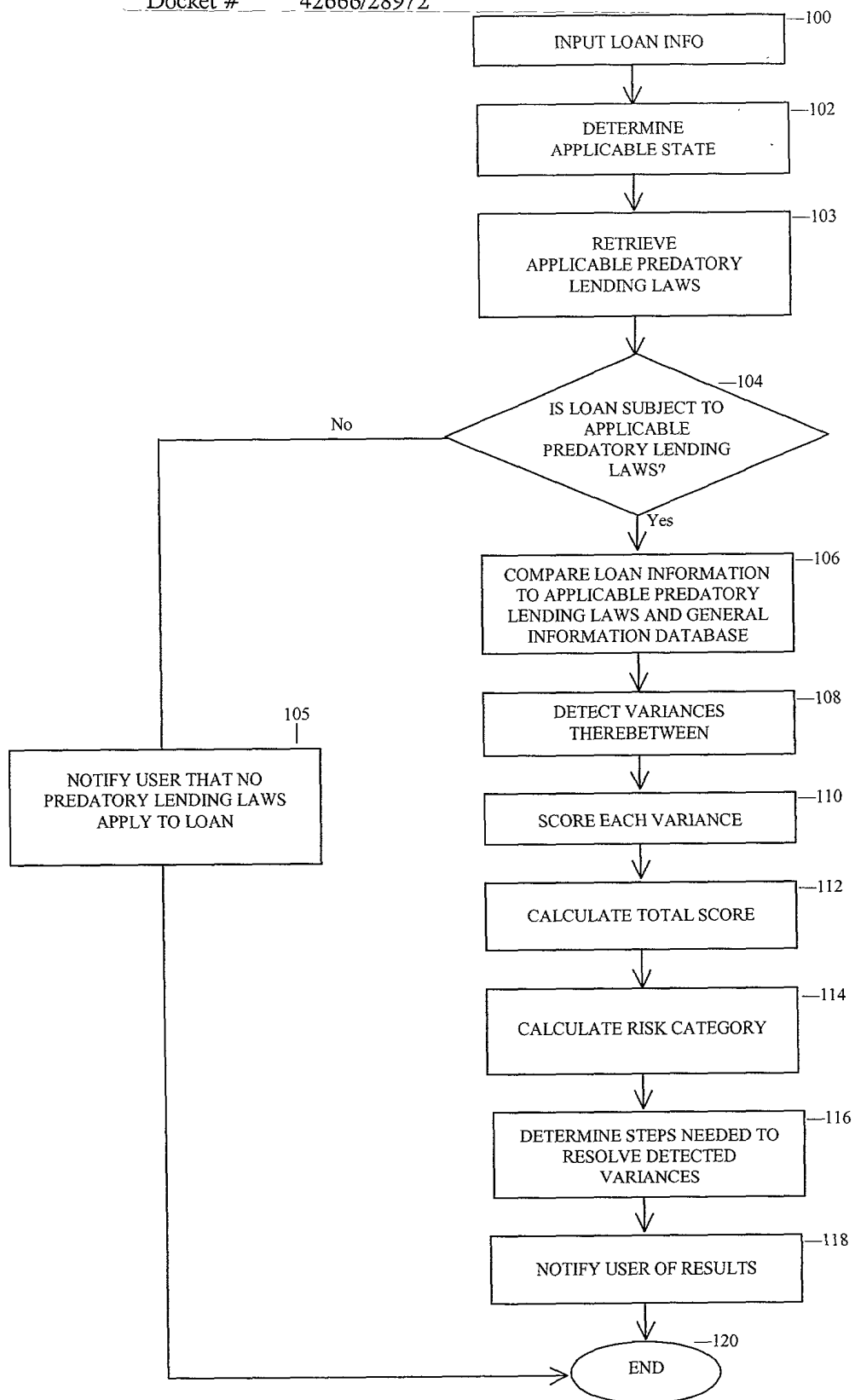
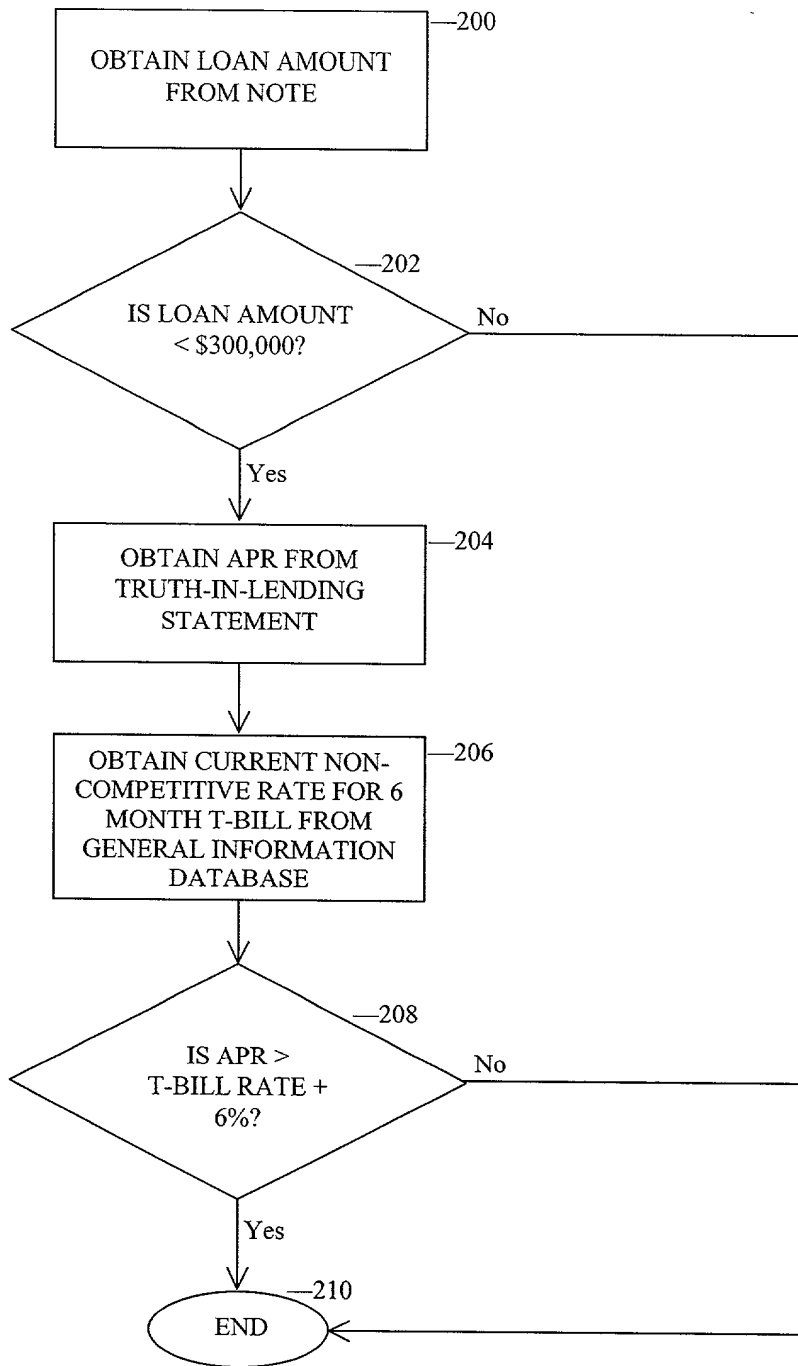
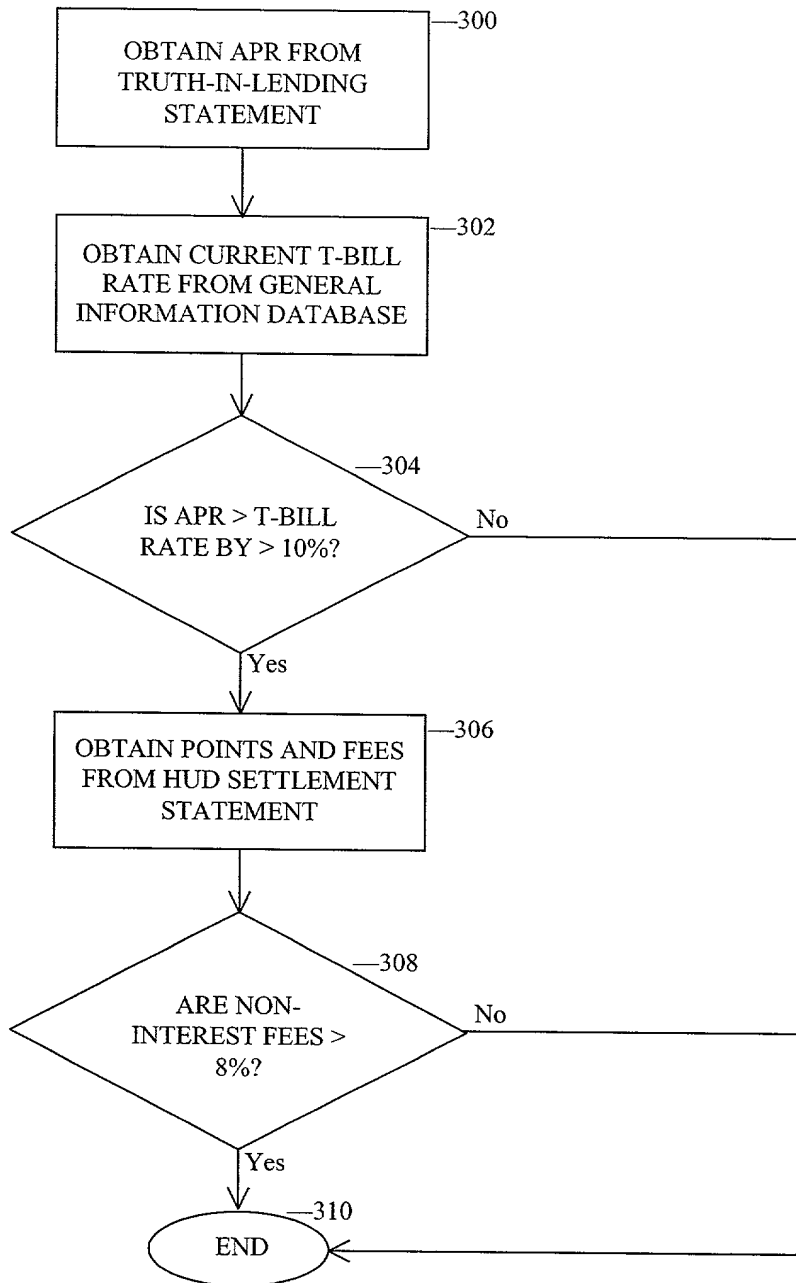


FIGURE 2

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**FIGURE 3**

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**FIGURE 4**

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A U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT SETTLEMENT STATEMENT		B TYPE OF LOAN <input type="checkbox"/> FHA <input type="checkbox"/> FuthA <input checked="" type="checkbox"/> CONV UMINS <input type="checkbox"/> VA <input type="checkbox"/> CONV INS	
C NOTE This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "p.o.c." were paid outside the closing, they are shown here for informational purposes and are not included in the totals.		6 FILE NUMBER REF NUMBER 7 LOAN NUMBER LOAN NUMBER 8 MORTGAGE INSURANCE CASE NUMBER	
D Name and Address of Borrower BORROWER1 SAMPLE, BORROWER2 SAMPLE MAILING STREET, MAILING CITY, CALIFORNIA 90746		E Name and Address of Seller	
F Name and Address of Lender Document Systems, Inc. (DEMO) 20501 South Avalon Blvd. Suite B CARSON, CALIFORNIA, 90746		G PROPERTY LOCATION 1234 PROPERTY STREET PROPERTY CITY, CALIFORNIA 90746	
H SETTLEMENT AGENT ABC CLOSING COMPANY		PLACE OF SETTLEMENT 123 CLOSING STREET CLOSING CITY, CALIFORNIA 90746	I SETTLEMENT DATE 07/12/99
L SETTLEMENT CHARGES			
700. TOTAL SALES BROKER'S COMMISSION BASED ON PRICE \$ 0 % = Division of Commission (line 700) as follows		PAID FROM BORROWER'S FUNDS AT SETTLEMENT	PAID FROM SELLER'S FUNDS AT SETTLEMENT
701. \$ to			
702. \$ to			
703. Commission paid at Settlement			
704.			
800. ITEMS PAYABLE IN CONNECTION WITH LOAN			
801. Loan Origination Fee 1.000% to: Lender		200.00	
802. Loan Discount			
803. Appraisal Fee			
804. Credit Report to: Lender		50.00	
805. Lender's Inspection Fee			
806. Mortgage Insurance Application Fee			
807. Assumption Fee			
808. Loan Origination Fee			
809. Document Preparation Fee to: Lender		100.00	
810. Yield Adjustment Credit			
811. Servicing Release Premium			
812. ADMINISTRATION FEE to: Broker		200.00	
813. COURIER FEE to: Broker		250.00	
814. CREDIT REPORT to: Broker		350.00	
815. WAREHOUSE FEE to: Lender		400.00	
816			
817			
900. ITEMS REQUIRED BY LENDER TO BE PAID IN ADVANCE			
901. Interest from 07/16/99 to 08/01/99 @ \$ 6.3014 /day		100.82	
902. Mortgage Insurance Premium for months to			
903. Hazard Insurance Premium for years to			
904. Flood Insurance Premium years to			
905.			
1200. GOVERNMENT RECORDING AND TRANSFER CHARGES			
1201. Recording fees: Deed \$: Mortgage \$, Releases		300.00	
1202. City/county tax/stamps: Deed \$: Mortgage \$			
1203. State tax/stamps: Deed \$: Mortgage \$			
1204.			
1205.			
1300. ADDITIONAL SETTLEMENT CHARGES			
1301. Survey			
1302. Pest inspection			
1303.			
1304.			
1305.			
1400. TOTAL SETTLEMENT CHARGES (from line 703, Section I and 702, Section II)			

FIGURE 5

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FEDERAL TRUTH-IN-LENDING DISCLOSURE STATEMENT

(THIS IS NEITHER A CONTRACT NOR A COMMITMENT TO LEND)

Loan Number: LOAN NUMBER

Date: JULY 9, 1999

Creditor: Document Systems, Inc. (DEMO)

Address: 20501 South Avalon Blvd. Suite B, CARSON, CALIFORNIA 90746

Borrower(s): BORROWER1 SAMPLE, BORROWER2 SAMPLE

Address: MAILING STREET, MAILING CITY, CALIFORNIA 90746

Lines containing an "x" are applicable:

52 →

ANNUAL PERCENTAGE RATE The cost of your credit as a yearly rate	FINANCE CHARGE The dollar amount the credit will cost you	Amount Financed The amount of credit provided to you or on your behalf.	Total of Payments The amount you will have paid after you have made all payments as scheduled.	Total Sale Price The total cost of your purchase on credit including your down-payment of
11.007 %	\$ 44,848.98	\$ 18,699.18	\$ 63,548.16	\$

PAYMENTS: Your payment schedule will be:

Number of Payments	Amount of Payment**	When Payments Are Due	Number of Payments	Amount of Payment**	When Payments Are Due	Number of Payments	Amount of Payment**	When Payments Are Due
		Monthly Beginning			Monthly Beginning			Monthly Beginning
12	198.06	09/01/99						
348	175.78	09/01/00						

DEMAND FEATURE: This obligation has a demand feature.

☒ VARIABLE RATE FEATURE: Your loan contains a variable rate feature. Disclosures about the variable rate feature have been provided to you earlier.

INSURANCE: The following insurance is required to obtain credit:
☐ Credit life insurance and credit disability ☒ Property Insurance ☐ Flood Insurance ☐ Private Mortgage Insurance
 You may obtain property insurance from any insurer that is acceptable to the Lender.

SECURITY: You are giving a security interest in: 1234 PROPERTY STREET, PROPERTY CITY, CALIFORNIA 90746
☐ The goods or property being purchased ☒ Real property you already own.

FEES: \$ 300.00

LATE CHARGE: If payment is more than 15 days late, you will be charged 5.000 % of the payment.*
 * OR \$5.00 (whichever is greater)

PREPAYMENT: If you pay off early, you
☐ may ☒ will not have to pay a penalty.
☐ may ☒ will not be entitled to a refund of part of the finance charge.

ASSUMPTION: Someone buying your property
☐ may ☐ may, subject to conditions ☒ may not assume the remainder of your loan on the original terms.

See your contract documents for any additional information about nonpayment, default, any required repayment in full before the scheduled date and prepayment refunds and penalties.

☒ * means an estimate all dates and numerical disclosures except the late payment disclosures are estimates.

Each of the undersigned acknowledge receipt of a complete copy of this disclosure. The disclosure does not constitute a contract or a commitment to lend.

(Applicant) BORROWER1 SAMPLE (Date)

(Applicant) BORROWER2 SAMPLE (Date)

(Applicant) (Date)

(Applicant) (Date)

(Applicant) (Date)

(Applicant) (Date)

** NOTE: Payments shown above do not include reserve deposits for taxes, assessments, and property or flood insurance.

FIGURE 6

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Loan Number LOAN NUMBER

ADJUSTABLE RATE NOTE

(1 Year Treasury Index--Rate Caps)

THIS NOTE CONTAINS PROVISIONS ALLOWING FOR CHANGES IN MY INTEREST
RATE AND MY MONTHLY PAYMENT. THIS NOTE LIMITS THE AMOUNT MY
INTEREST RATE CAN CHANGE AT ANY ONE TIME AND THE MAXIMUM RATE I
MUST PAY.

JULY 9, 1999
[Date]

CARSON . CALIFORNIA
[City] [State]

1234 PROPERTY STREET, PROPERTY CITY, CALIFORNIA 90746
[Property Address]

50

1. BORROWER'S PROMISE TO PAY

In return for a loan that I have received, I promise to pay U.S. \$20,000.00 (this amount
is called "Principal"), plus interest, to the order of the Lender. The Lender is Document Systems,
Inc. (DEMO), A California Corporation

I will make all payments under this Note in the form of cash, check or money order.

I understand that the Lender may transfer this Note. The Lender or anyone who takes this Note by
transfer and who is entitled to receive payments under this Note is called the "Note Holder."

2. INTEREST

Interest will be charged on unpaid principal until the full amount of Principal has been paid. I will pay
interest at a yearly rate of 11.500 %. The interest rate I will pay will change in accordance with
Section 4 of this Note.

The interest rate required by this Section 2 and Section 4 of this Note is the rate I will pay both before
and after any default described in Section 7(B) of this Note.

3. PAYMENTS**(A) Time and Place of Payments**

I will pay principal and interest by making a payment every month.

I will make my monthly payment on the 1st day of each month beginning on SEPTEMBER 1,
1999. I will make these payments every month until I have paid all of the principal and interest and any
other charges described below that I may owe under this Note. Each monthly payment will be applied as of
its scheduled due date and will be applied to interest before Principal. If, on AUGUST 1
2029, I still owe amounts under this Note, I will pay those amounts in full on that date, which is called
the "Maturity Date."

I will make my monthly payments at 20501 South Avalon Blvd. Suite B,
CARSON, CALIFORNIA 90746

or at a different place if required by the Note Holder.

(B) Amount of My Initial Monthly Payments

Each of my initial monthly payments will be in the amount of U.S. \$198.06. This
amount may change.

(C) Monthly Payment Changes

Changes in my monthly payment will reflect changes in the unpaid principal of my loan and in the interest
rate that I must pay. The Note Holder will determine my new interest rate and the changed amount of my
monthly payment in accordance with Section 4 of this Note.

MULTISTATE ADJUSTABLE RATE NOTE--ARM 5-2--Single Family--Fannie Mac/Freddie Mac MODIFIED INSTRUMENT
FANNIE MAE ARM 4-2/5-2/6-2

Document Systems, Inc. (800) 649-1362

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Form 3502 1/01

FIGURE 7

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DISCLOSE (3.0)

— 400

DISCLOSE CONFIRMATION PAGE

DATE: 05/04/2000 6:10:32 PM

PRINT THIS PAGE

401 — DISSCO ID: DISSCO20002013123

LOAN NUMBER: 123456789

BORROWER: JOHN MOUSE

Number of times loan was successfully scored: 3

418

DISCLOSE STATUS: INVESTIGATE		DISCLOSE SCORE: 320	
Transgression	Description	* Action to Resolve	*
1. APR exceeds limit allowed by state/local regulations	Dekalb Co, GA: APR not to exceed T-bill + 5%	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Loan meets state/local guidelines for HCL and state/local regulations do not allow for financing of Credit Life Ins. On HCL's.	Dekalb Co., GA: no financing of credit life, credit disability, credit unemployment or any other life or health insurance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

410 —

— 416

LEGEND:

* - RESOLVED: Checked indicates satisfaction of condition and supporting documentation to be attached.

COMMENT FIELD

- ☒ - Comment Available (Click to EDIT/VIEW a Comment).
- ☒ - No Comments (Click to ADD a Comment).

Description From DISSCO

LOAN NUMBER: 123456789

LOAN AMOUNT: \$102,403.00

ESTIMATED/APPRaised VALUE: \$102,500.00

PURCHASE PRICE: \$102,403.00

SUBORDINATE FINANCING:

PURPOSE: PURCHASE

PROPERTY TYPE: SINGLE FAMILY

OCCUPANCY: OWNER OCCUPIED

APPLICATION DATE: 05/03/2000

LTV: 100.00%

CLTV: 0.00%

402 —

Federal Truth in Lending					
13.025%					
YES	YES	NO	NO	NO	NO

FIGURE 8

204070"2406560

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Links: Best of the Web Channel Guide Customize Links Free HTML Internet Start Microsoft Windows Update Windows Windows Media

BORROWER 2 INFORMATION

DISSCO ID: DISSCO20002013123 LOAN NUMBER: 123456789

GENERAL INFORMATION

72 → Last Name: WALTER Middle Name: MICHELLE
 First Name: CONNIE Social Security #: 222-22-2222
 Phone Number: 301-777-5553 Age: 38
 U.S. Citizen ☒

CURRENT RESIDENCE

74 → ☐ Same As Subject Property ☐ Same As Borrower
 St. Number: 1212 St. Direction: North
 St. Name: MAIN St. Type: STREET
 Post Direction: Direction Unit #:
 City: AURORA State: Colorado Zip: 80055

EMPLOYER 1 INFORMATION

70 → 76 → Employer Name: AURORA INC.
 Phone Number: 301-111-1111 Position: MANAGER
 Monthly Base Income: 1500 Monthly Total Income: 1500
 Self Employed ☐ Years On Job: 6

EMPLOYER 1 ADDRESS

St. Number: 1111 St. Direction: South
 St. Name: NEW St. Type: AVENUE
 Post Direction: Direction Unit #:
 City: AURORA State: Colorado Zip: 80013

EMPLOYER 2 INFORMATION

78 → Employer Name:
 Phone Number: Position:
 Self Employed ☐ Years On Job:
EMPLOYER 2 ADDRESS
 St. Number: St. Direction: Direction
 St. Name: St. Type: Street Type
 Post Direction: Direction Unit #:
 City: State: State Zip:
 80 — Save Data Cancel — 82

Figure 9